

DEBARGHA NATH

Email: 22CS01070@iitbbs.ac.in

Github: github.com/username
CodeForces: <https://codeforces.com/profile/dNATH>
CodeChef: <https://www.codechef.com/users/debarghanath>
CSES: <https://cses.fi/user/233546>
Leetcode: https://leetcode.com/u/debargha_nath/

Education

Exam Passed	Passing Year	Board/University	Percentage / Rank	Remarks
HSLC	2020	CBSE	97.6	2nd Position in State
HSSLC	2022	CBSE	97.8	State Topper

B.Tech Computer Science Engineering, Indian Institute of Technology, Bhubaneswar

Semeste	Year	CGPA	SGPA	Remarks
1st Sem	2023	9.54	9.54	Branch Topper
2nd Sem	2023	9.70	9.87	
3rd Sem	2024	9.55	9.27	
4th Sem	2024	9.46	9.23	

Experience

INTERNSHIP AT NATIONAL INFORMATICS CENTER, ARUNACHAL PRADESH STATE CENTER

- **Position:** Full-Stack Developer (Entry-level)
- **Location:** Itanagar
- **Duration:** 27-May-2024 to 13-Jun-2024
- Built a prototype of a **Customer Management System** with the following technologies and features:
 - **Front-End:**
 - Utilized **React** for efficient component-based architecture, enabling dynamic content rendering and seamless navigation.
 - Enhanced user interaction and functionality with **JavaScript**, creating dynamic and engaging web pages.
 - **Back-End:**
 - Designed and managed a robust database using **MySQL** for efficient data storage and retrieval.
 - Built server-side logic with **Node.js** to handle client requests and process data efficiently.
 - Implemented **Express.js** framework for creating a RESTful API, facilitating smooth communication between the front-end and back-end.
 - **Additional Features:**
 - Integrated user authentication and authorization mechanisms to ensure secure access control.
 - Developed a **Responsive** and comprehensive dashboard for administrators to manage customer data, . .

Projects

NIC INTERNSHIP PROJECT

Full Stack Project

- **Key Features:**
 - Developed a dynamic Customer Management System using **React.js** for a seamless user experience.
 - Implemented Backend connections using **Node.js and Express.js with MySQL database integration**.
 - Implemented robust security measures including **data sanitization and password hashing**.
 - Created a **CRUD (Create, Read, Update, Delete)** application with **session maintenance using cookies and sessionID**.
- **Project Summary:**
 - This project showcases my skills in full-stack development, security implementation, and database management.

PROTOTYPE OF E-COMMERCE WEBSITE ADMIN SECTION

Full stack project

- **Key Features:**
 - Created a **Complete Admin Section for an E-commerce Website** using **React.js** with facilities such as:
 - Adding new brands and product types, with details immediately visible on the front end of the website upon product addition.
 - Provided full functionality with backend connections using **Node.js and Express.js** to seamlessly integrate with a **MySQL database** ensuring meticulous **data sanitization** and rigorous **password hashing** to safeguard sensitive information..
 - Skillfully styled the pages using advanced **CSS3** and **JavaScript**, ensuring a modern and visually appealing user interface.

RESTAURANT MOBILE APP WITH REACT NATIVE

App Development

- **Key Features:**
 - Developed a sophisticated restaurant app using **React Native**, incorporating intuitive navigation features and a seamless user interface.
 - Implemented backend integration to fetch and dynamically display the restaurant menu, ensuring real-time updates and responsiveness.

Key Skills

- **Programming Languages:** C, C++, HTML, CSS3, JavaScript
- **Tools:** UI/UX Design: Figma
- **Framework/Libraries:** React, React Native, Node.js, Express.js
- **DataBase:** MySQL
- **Courses:** Completed front-end development courses on Coursera, offered by META
 - **Introduction to Mobile Development**
 - **React Specialization**
 - **React Native**

Other Achievements

- I am currently enrolled in the 'Online Internship in Front End Development (IN32)' course through the Virtual NIELIT Academy, with registration number 2024-05-15-IN32-11537.
- Selected in the National Merit-cum-Means Scholarship (2017-2018) organized by the Directorate of Secondary Education, Government of Arunachal Pradesh, having Roll No.098
- Received Lt. Dera Natung Award from the Directorate of Secondary Education, Government of Arunachal Pradesh for excellent performance in CBSE AISSC Exam 2022 for securing 1st Rank among boys in the State
- Received State Award from the Directorate of Secondary Education, Government of Arunachal Pradesh for excellent performance in CBSE AISSC Exam 2022 for securing 1st Rank in Science Stream in the State.